

touch being communicated as control commands to said remote controlling means.

**36.** A portable electronic display device for displaying information, the display device comprising:

means for displaying information content;

touch sensor means for detecting a first pattern of touch; and

means for detecting said first pattern of touch and responding by either controlling a first function of the portable electronic display device or by changing the content displayed in said display means.

**37.** The portable electronic display device of claim 36, further comprising:

means for detecting a second pattern of touch on at least one portion of said touch sensor; and

means for controlling a second function of the portable electronic display device, said controlling means being engaged in response to the detection of said second pattern of touch.

**38.** A method of implementing a mobile information service, the method comprising the steps of:

a. providing to a customer a wireless enabled, hand-held electronic display device of claim 32;

b. the service provider establishing wireless communications between said wireless hand-held device and an information server, the established wireless communications being capable of communicating information from the information server to said wireless hand-held device; and

c. the service provider charging the customer an access fee.

**39.** The information service method of claim 38, further comprising the steps of:

d. running a web browser on said wireless hand-held device for interacting with the information; and

e. controlling a web browser function by engaging said at least one touch sensor.

**40.** The information service method of claim 38, further comprising the step of charging to the customer an initial sign-up fee and/or a fee for said wireless hand-held device.

**41.** The information service method of claim 38, further comprising the step of configuring said wireless hand-held device to automatically download the information from the information server, the information being available for later viewing by the customer.

**42.** The information service method of claim 38, further comprising the step of the service provider configuring said wireless hand-held device to enable the customer to control at least one aspect of said information service provided to the customer from the service provider.

**43.** A method for controlling displayed information on a portable electronic display device, the method comprising the steps of:

configuring a touch sensor located at an edge of the portable electronic display device to detect a first pattern of touch; and

detecting said first pattern of touch and responding by either controlling a first function of the portable electronic display device or by changing the content displayed in said display.

**44.** The display controlling method of claim 43, further comprising the steps of:

detecting a second pattern of touch on at least one portion of said touch sensor; and

responding to the detection of said second pattern of touch by controlling a second function of the portable electronic display device or by changing the content displayed in said display.

**45.** The display controlling method of claim 43, wherein said first function is a web browser function.

**46.** The display controlling method of claim 43, wherein said first pattern of touch is touch sliding along said touch sensor and said first function is to scroll the displayed content in a first direction corresponding to the direction the finger is sliding in.

**47.** The display controlling method of claim 43, wherein said first pattern of touch is touch sliding along or tapping said touch sensor.

**48.** A portable electronic display device for displaying information, the display device comprising:

an enclosure;

a display comprised in the enclosure such that an active surface of the display is visible.

at least one control operable to horizontally move content displayed by the active surface of said display, wherein at least one of said at least one horizontal control is disposed at a bottom edge of said enclosure; and

at least one control operable to vertically move content displayed by the active surface of said display, wherein at least one of said at least one vertical control is disposed at a right or left edge of said enclosure, and said at least one vertical control operates substantially independent of said at least one horizontal control.

**49.** The portable electronic display device of claim 48, wherein at least one of said at least one horizontal control is a touch sensor and not a mechanical control and at least one of said at least one vertical control is a touch sensor and not a mechanical control.

\* \* \* \* \*